

Title (en)

ULTRASONIC BIOMETRIC IMAGING DEVICE WITH REFLECTION REDUCTION

Title (de)

BIOMETRISCHES ULTRASCHALLBILDGEBUNGSGERÄT MIT REFLEXIONSVERMINDERUNG

Title (fr)

DISPOSITIF D'IMAGERIE BIOMÉTRIQUE ULTRASONORE AVEC RÉDUCTION DE LA RÉFLEXION

Publication

**EP 4062318 A1 20220928 (EN)**

Application

**EP 20888994 A 20201103**

Priority

- SE 1951333 A 20191119
- SE 2020051057 W 20201103

Abstract (en)

[origin: WO2021101429A1] An ultrasonic biometric imaging device (100) comprising: a cover structure (102) having an exposed outer surface, wherein at least a portion of the exposed outer surface (104) forms a sensing surface of the ultrasonic biometric imaging device; and a plurality of ultrasonic transducers (106) attached to an edge portion of the cover structure and configured to emit an ultrasound wave into the cover structure; the cover structure further comprising a reflection reducing layer (202) arranged at a bottom surface (118) of the cover structure, wherein the reflection reducing layer is configured to reduce an amplitude of ultrasonic wave reflections at the bottom surface of the cover structure.

IPC 8 full level

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CPC (source: EP US)

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Designated extension state (EPC)

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